

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Se-Hwan SON, et al.	)	Re: Information Disclosure
	)	Statement
Serial No.: not yet assigned	)	
Filed: concurrently herewith	)	Group: 2815
	)	
Divisional of USSN <u>09/914,731</u>	)	Examiner: Joseph H. Nguyen
filed on <u>August 30, 2001</u>	)	
	)	
For: "ELECTRONIC DEVICE COMPRISING	)	Our Ref: B-4265DIVofPCT
ORGANIC COMPOUND HAVING P-TYPE	)	621722-3
SEMICONDUCTING CHARACTERISTICS")	)	
	)	Date: March 10, 2004

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the Applicant's duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the documents cited by the Examiner and/or submitted by the Applicant in connection with U.S. Serial No. 09/914,731 filed on August 30, 2001 (the parent of the Applicants' subject application) be considered by the Examiner before issuing the first Office Action on the merits.

For the Examiner's convenience, Form PTO-1449 (modified) is enclosed herewith listing the documents cited by the Examiner and/or submitted by the Applicant in connection with U.S. Serial No. 09/914,731.

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

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If any fees are due, please charge our Deposit Account No. 12-0415 or credit any overpayment to our Account No. 12-0415. No fees should be due because this Information Disclosure Statement is being filed concurrently with the above-identified U.S. patent application.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

Respectfully submitted,



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Enclosures: Form PTO-1449 (modified) (1 page)

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Form PTO-1449 (Modified)	ATTY DOCKET NO. B-4265DIVof PCT 621722-3	U.S. SERIAL NO. not yet assigned
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANT(S) Se-Hwan SON, et al.	
	FILING DATE concurrently herewith	GROUP 2815

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	4,356,429	10/1982	Tang	313	503	
	4,780,536	10/1988	Czarnik, et al.	544	225	
	5,366,811	11/1994	Higashi, et al.	428	457	
	5,540,999	7/1996	Yamamoto, et al.	428	411.1	
	5,616,427	4/1997	Tada	428	690	
	6,312,838 B1	11/2001	Ishibashi et al.	428	690	
	6,436,559 B1	8/2002	Ueno et al.	428	690	

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
06-163158	6/1994	JP			Abstract
07-11249	1/1995	JP			Abstract

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Kruger, Jessica, et al., "Modification of TiO <sub>2</sub> Heterojunctions with Benzoic Acid Derivatives in Hybrid Molecular Solid-State Devices," <i>Advanced Materials</i> , Vol. 12, pp. 447-51 (2000).
Kim, J.S., et al., "Indium-tin oxide treatments for single- and double-layer polymeric light-emitting diodes: The relation between the anode physical, chemical, and morphological properties and the device performance," <i>Journ. of Applied Physics</i> , Vol. 84, No. 12, pp. 6859-70 (December 15 1998).
Pieterse, Koen, et al., "Towards Organic N-Type Semi-Conducting Materials," <i>Polymer Preprint</i> , 40, pp. 404-5 (1999).

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.